



SL Series Amplifiers

for use with MB MODAL, ENERGIZER, PM-SERIES, and CAL Shakers

SPECIFICATIONS	SL500	SL500VCF	SL1000VCF
Frequency Range	1 Hz to 20,000 Hz	DC-10,000 Hz, -3 dB	DC-10,000 Hz, -3 dB
DC Coupled	No	Yes	Yes
Voltage Feedback, external switch selectable	Yes	Yes	Yes
Current Feedback, external switch selectable	No	Yes	Yes
Input Power Requirements, user specifies	100, 120, 220-240 VAC; 50/60 Hz	100, 110, 120, 200, 220, 240 VAC; 48-62 Hz	100, 110, 120, 200, 220, 240 VAC; 50/60 Hz
Input Power Required	1,200 VA (max)	1,000 VA (max)	3,000 VA (max)
Max. Output Volts	49 V RMS	25 V RMS	50 V RMS
Max. Output Amps	4.0 A RMS	20 A RMS	20 A RMS
Amplifier Over Current Shutdown	Yes	Yes	Yes
Shaker Overtravel Shutdown	N/A	Yes, with switch in exciter	Yes, with switch in exciter
Current measurement	N/A	Yes, via BNC, 160 mV/A	Yes, via BNC, 160 mV/A
Total Harmonic Distortion	< 0.65 %	< 0.65%	< 0.65%
Dimensions (rack mount)	5 1/4" H (3HE); 19" W (482 mm); 13" D (330 mm)	3 1/2" H (2HE); 19" W (482 mm); 12 3/4" D (325 mm)	7" H (4HE); 19" W (482 mm); 17" D (430 mm)
Signal In for Full Power Out	± 3.5 V pk	± 1.5 V pk	± 1.5 V pk
Weight or mass (approx)	26 lbs. (12 kg)	22 lbs (10 kg)	73 lbs. (33 kg)
CE Mark	Yes	Yes	Yes
Instruction Manual	Yes	Yes	Yes

specs may change without notice 5-10-04

SL500



SL500VCF



SL1000VCF

